	Application No.	Applicant(s)	
Notice of Allowability	09/675,692	MICHAIL ET AL.	
	Examiner	Art Unit	
	Joshua D. Campbell	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *amendment filed on 10/20/2005*.

2. ☒ The allowed claim(s) is/are *1-10 and 12-27*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

         1. ☐ Certified copies of the priority documents have been received.

         2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

         3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

     * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

     (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

         1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

     (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

     Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date *7/23/04, 10/28/05*

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

1.   This action is responsive to communications: Amendment filed on 10/20/2005

and IDS filed on 10/25/2005.

2.   Claims 1-10 and 12-27 are pending in this case. Claims 1, 10, 17, and 22 are

independent claims. Claims 1, 10, 17, and 22 have been amended.

3.   The rejection of claims 1-10 and 12-27 under 35 U.S.C. 103(a) as being

unpatentable over Neibauer (The ABCs of WordPerfect 8, published in 1997) in view of

Prinzing (US Patent Number 6,480,206, filed on February 24, 1998) has been

withdrawn due to amendments.

EXAMINER'S AMENDMENT

4.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

The application has been amended as follows:

    Please replace the Abstract with the following:

    An extensible editor allows integration of extensions that modify the editor's

default behavior and provide customized feedback to users. The editor includes

interfaces through which extensions are connected to the editor and through which

selection services and highlight rendering services are provided. The selection services

interfaces provide a clear separation of a logical selection position in the document and

the visual feedback provided for the selection, allowing extensions to be designed that

provide customized selection feedback. The highlight rendering services interfaces

provide an extension with the ability to augment an existing selection without modifying

the actual document. The editor also includes an event routing model that works to

decrease the occurrence of conflicts between the editor and extensions and between

extensions.

REASONS FOR ALLOWANCE

1.   The following is an examiner's statement of reasons for allowance:

Regarding amended independent claim 1, none of the references, either

singularly or in combination, teach or suggest to a person of ordinary skill in the art at

the time of the invention the amended features, "...a design registry containing

respective entries for the designers, wherein the entries are arranged in sequential

order; and an event routing controller adapted to route events related to the highlight

rendering services component to at least one of the designers based at least in part on

the sequential order of the entries in the designer registry." The examiner notes that

while providing an extensible document editor which may contain a highlighting services

component is not a novel feature (See Examiner Referenced Patents and Non-patent

Literature), but as claimed in claim 1, the method in which communication between the

designers and mechanisms is very specific in nature and the event routing methodology

is not taught or discussed in the prior art, thus it is considered to be novel and

unobvious to a person of ordinary skill in the art. Thus, the limitations of claim 1 are

considered novel, and unobvious to a person of ordinary skill in the art at the time the

invention was made in view of the prior art of record.

In regards to independent claims 10, 17, and 22, the examiner notes that said

claims are substantially similar to independent claim 1 in reference to their allowability

based on the limitations discussed above as providing allowability to claim 1.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

2.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure:

    US Patent Number 5,649,024

    US Patent Number 5,831,769

    US Patent Number 5,867,144
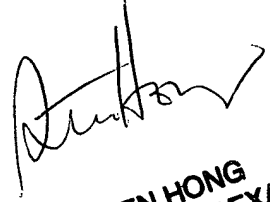
    US Patent Number 6,061,696

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Joshua D. Campbell whose telephone number is (571)

272-4133. The examiner can normally be reached on M-F (7:30 AM - 4:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

JDC
January 5, 2006

STEPHEN HONG
SUPERVISORY PATENT EXAMINER